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Application No. 09/635,275
Filed: August 9, 2000
TC Art Unit: 2151
Confirmation No.: 4949

AMENDMENT TO THE CLAIMS

1-20. (Canceled)

21. (New) A data interface, comprising:

an enclosure having at least one jack, the enclosure being configured for mounting within a wall cavity such that, after the enclosure is mounted within the wall cavity, the at least one jack is accessible from outside the wall;

a user-side communication interface within the enclosure for connection to a personal data device over at least one wired communication connection via the at least one jack and for connection to the personal data device over at least one wireless communication connection;

an infrastructure-side communication interface within the enclosure for connection to a plurality of computer resources, the infrastructure-side communication interface being communicably coupled to the user-side communication interface, such that the personal data device can communicate through the user-side communication interface and the infrastructure-side communication interface to at least one of the plurality of computer resources; and

a data interface management processor within the enclosure and coupled to the user-side communication interface and the infrastructure-side communication interface and operative to provide information to the personal data device about at least one of the wired and wireless communication connections between the personal communication device and the user-side communication interface.

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22. (New) The data interface of claim 21, wherein the information about the at least one of the wired and wireless communication connections comprises status information about the wired communication connection and the wireless communication connection between the personal communication device and the user-side communication interface.

23. (New) The data interface of claim 21, wherein the information about the at least one of the wired and wireless communication connections comprises at least one suggested corrective action that can be taken by a user of the personal data device to correct a problem detected by the data interface management processor in at least one of the wired and wireless communication connections.

24. (New) The data interface of claim 21, wherein the information about the at least one of the wired and wireless communication connections comprises information about at least one error in at least one of the wired and wireless communication connections.

25. (New) The data interface of claim 21, wherein the information about the at least one of the wired and wireless communication connections comprises information about at least one corrective action that has been taken to correct a problem in at least one of the wired and wireless communication connections.

26. (New) The data interface of claim 21, wherein the data interface management processor is further operative to provide information to the personal data device about a communication connection between the infrastructure-side communication interface and at least one of the plurality of computer resources.

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27. (New) The data interface of claim 26, wherein the information about the communication connection between the infrastructure-side communication interface and the at least one computer resource comprises status information about the communication connection between the infrastructure-side communication interface and the at least one computer resource.

28. (New) The data interface of claim 26, wherein the information about the communication connection between the infrastructure-side communication interface and the at least one computer resource comprises information about at least one error in the communication connection between the infrastructure-side communication interface and the at least one computer resource.

29. (New) The data interface of claim 27, wherein the information about the communication connection between the infrastructure-side communication interface and the at least one computer resource comprises information about at least one corrective action that has been taken to correct a problem in the communication connection between the infrastructure-side communication interface and the at least one computer resource.

30. (New) The data interface of claim 27, wherein the information about the communication connection between the infrastructure-side communication interface and the at least one computer resource comprises an estimated time by which an error in the communication connection between the infrastructure-side communication interface and the at least one computer resource will be corrected.

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31. (New) The data interface of claim 21, wherein the data interface management processor is further operative to provide information to the personal data device about services available from the plurality of computer resources.

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